

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-243822

(43)Date of publication of application : 07.09.2001

(51)Int.Cl.

F21V 8/00
G02B 6/00
G02F 1/13357

(21)Application number : 2000-051554

(71)Applicant : OMRON CORP

(22)Date of filing : 28.02.2000

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TAKAGI JUNICHI

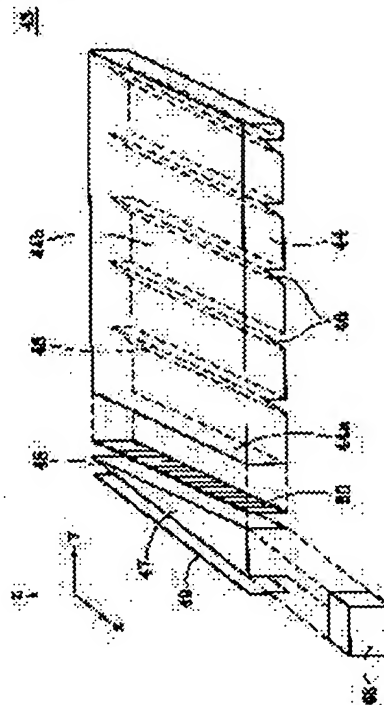
AOYAMA SHIGERU

(54) SURFACE LIGHT SOURCE AND METHOD OF FABRICATING IT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a surface light source used in a display that enables to improve image resolution by adjusting the directivity.

SOLUTION: A light beam emitted from a point light source 45 is emitted from a linearly extended region by a wedge-shaped light conductive body 47, deflected by a prism sheet 50. The light beam is cast in the direction perpendicular to the light incident surface 44a of a light conductive plate 44 with narrow directivity along the width of the light conductive plate 44. The light conductive plate 44 has a bottom provided with a plurality of right triangular diffusion patterns 46, from which the light rays reflected are cast in the direction perpendicular to the light emitting surface 44b of the light conductive plate 44. Meanwhile, a part of the light beam incident on the diffusion pattern 46 penetrates it so as to narrow the directivity of the emitted light along longitudinal direction of the light conductive plate.



LEGAL STATUS

[Date of request for examination]

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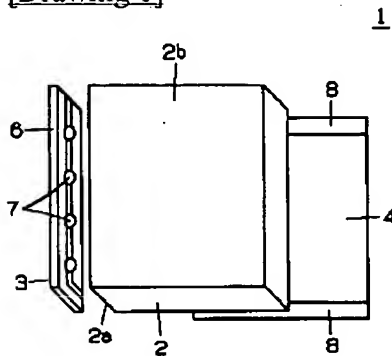
* NOTICES *

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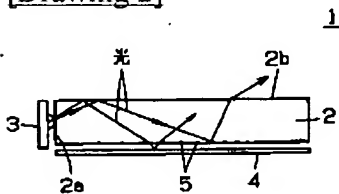
1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

DRAWINGS

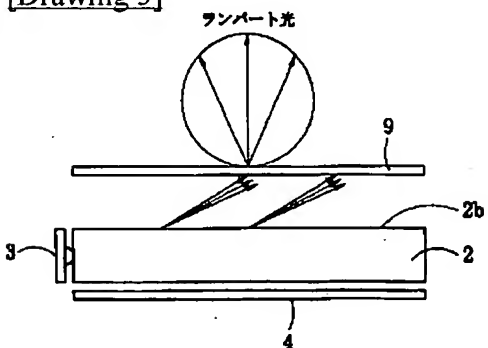
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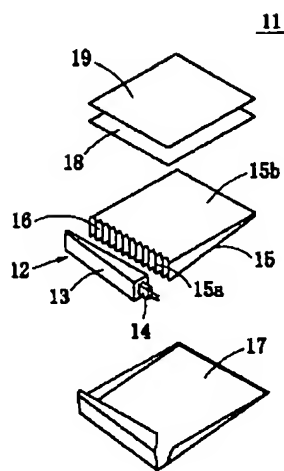
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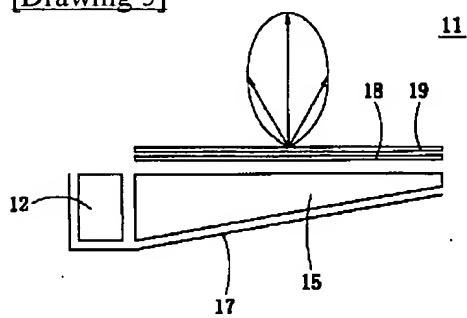
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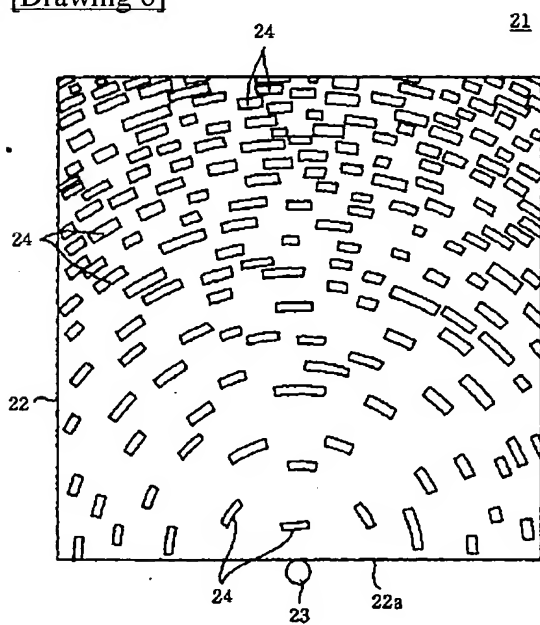
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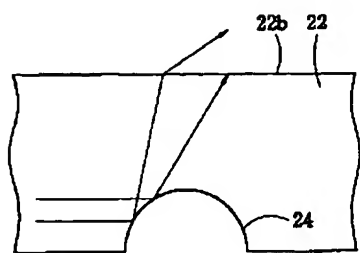
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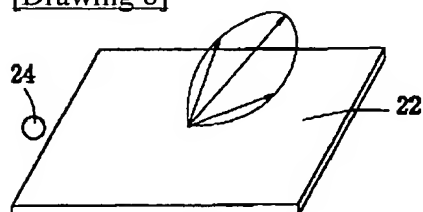
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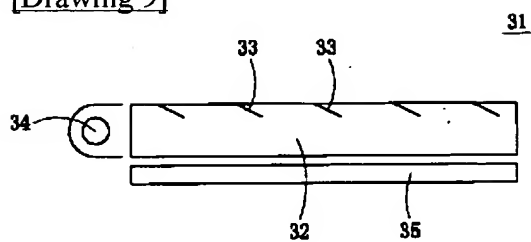
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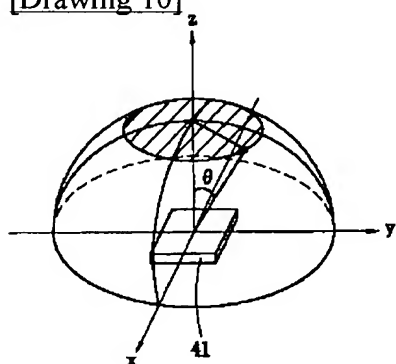
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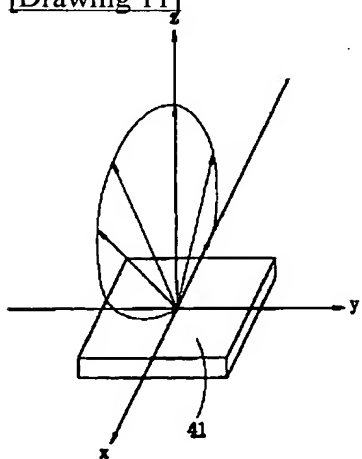
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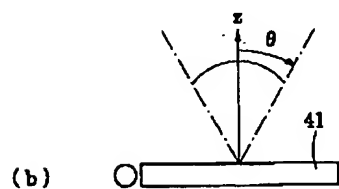
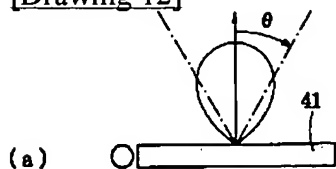
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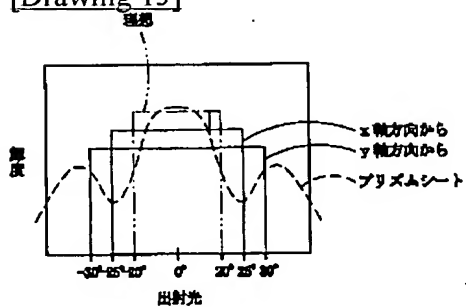
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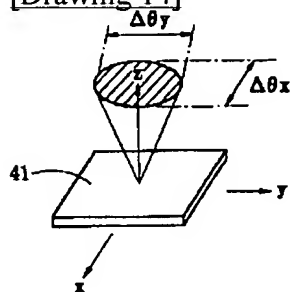
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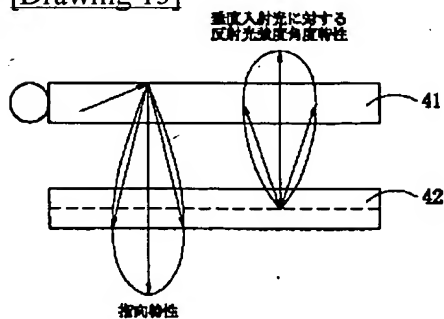
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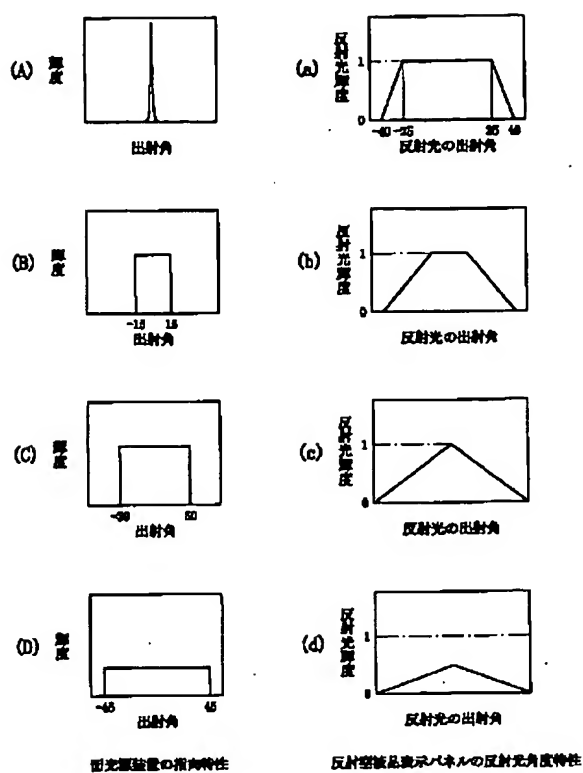
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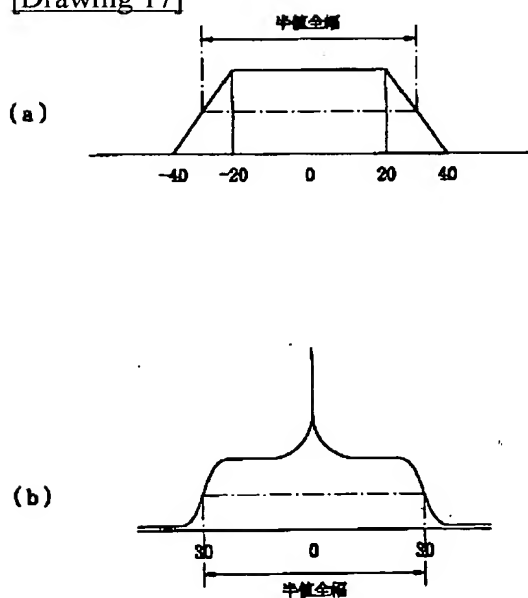
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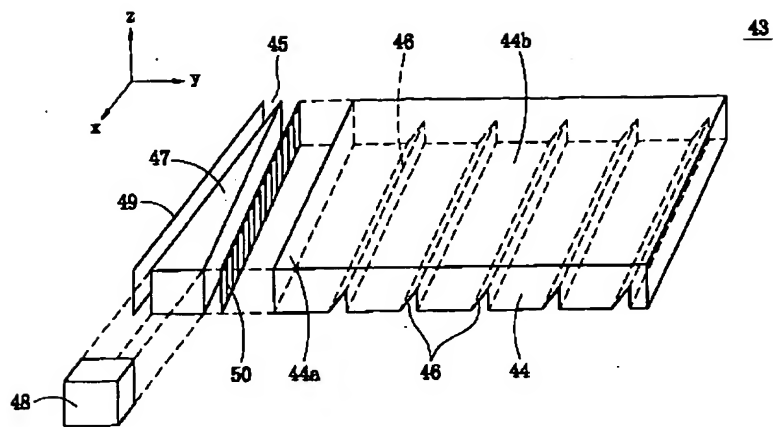
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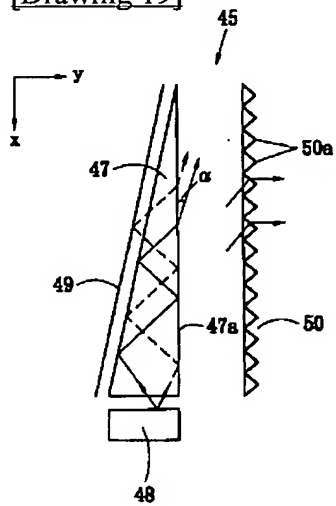
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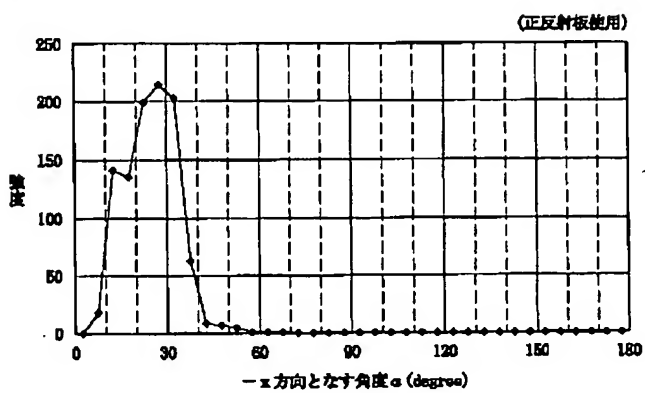
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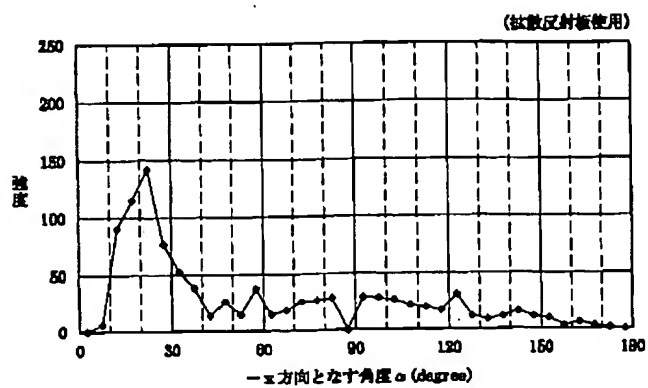
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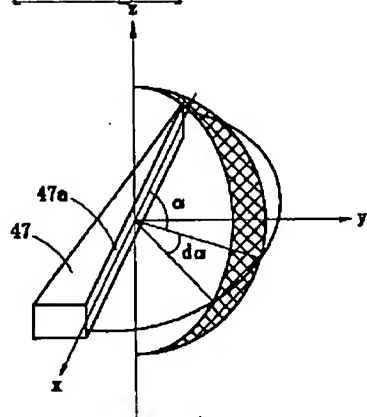
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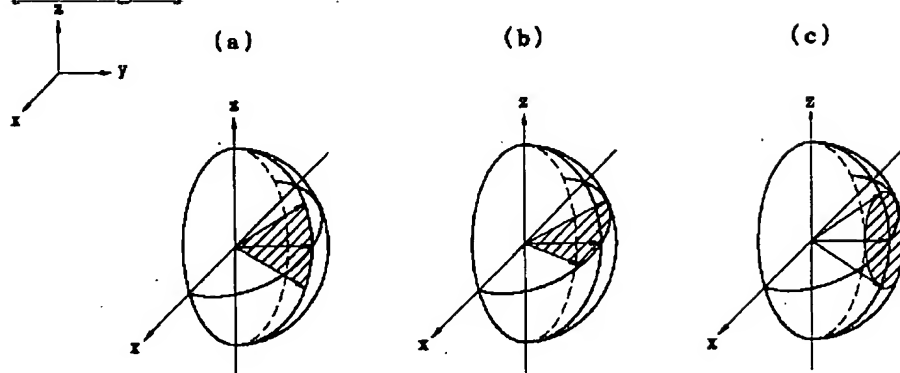
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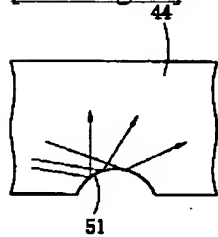
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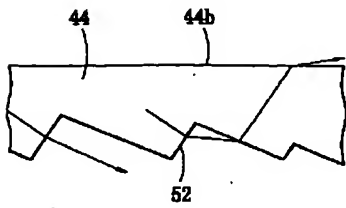
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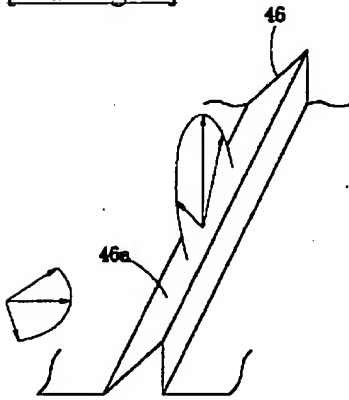
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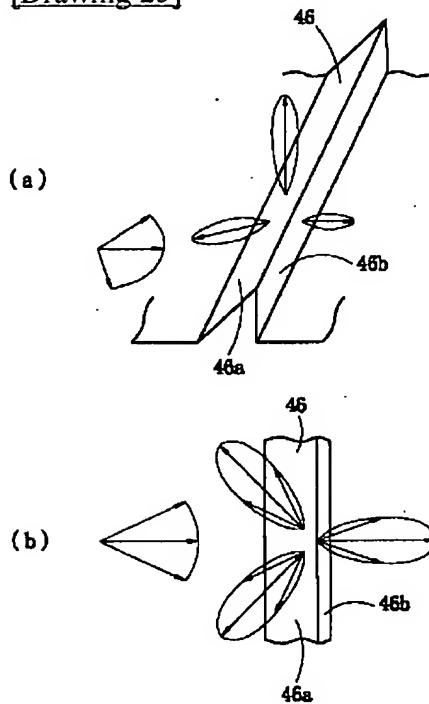
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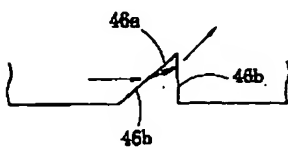
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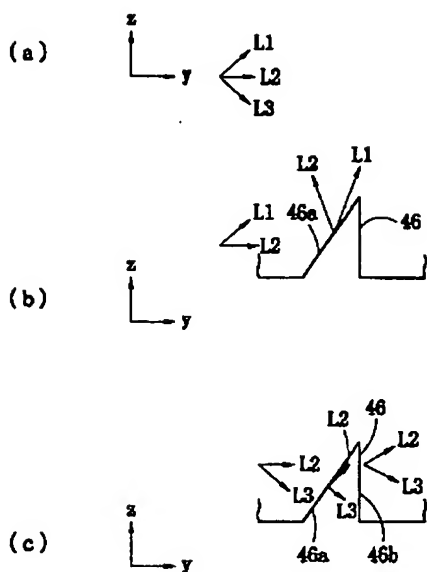
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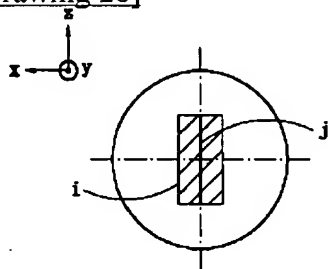
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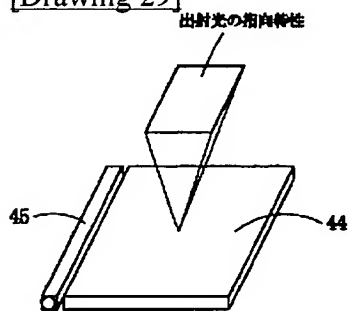
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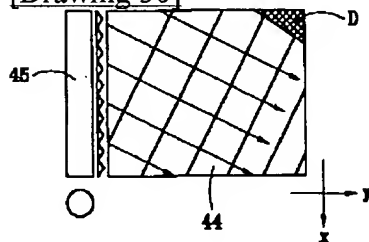
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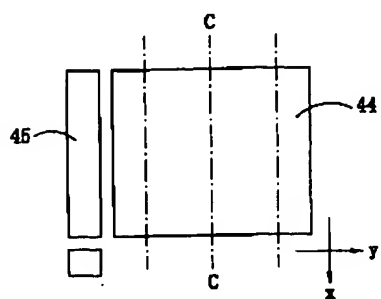
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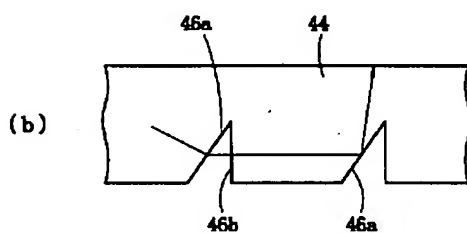
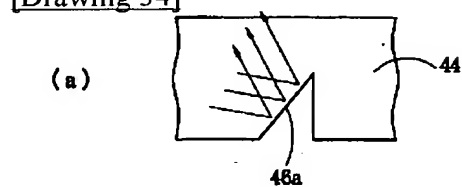
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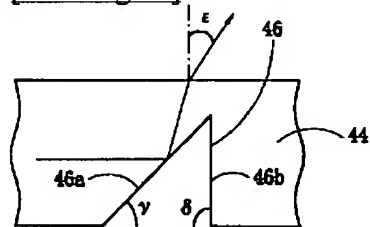
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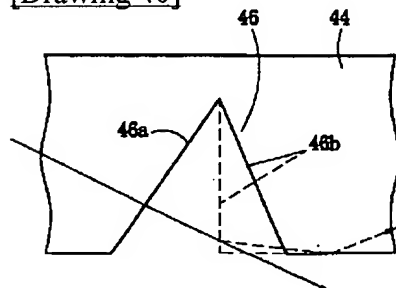
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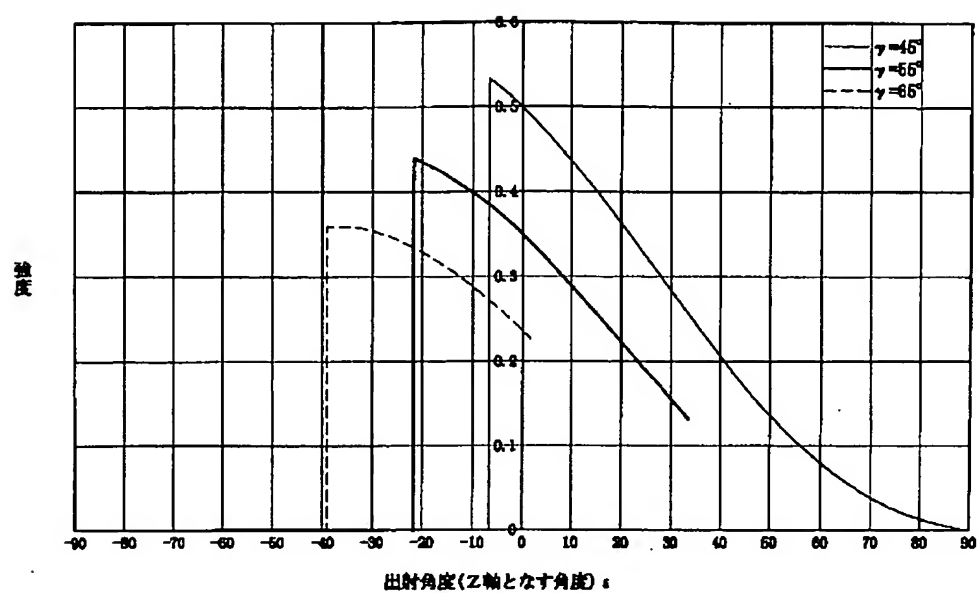
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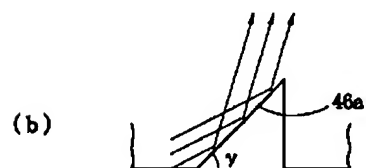
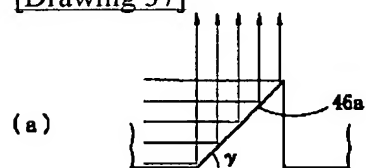
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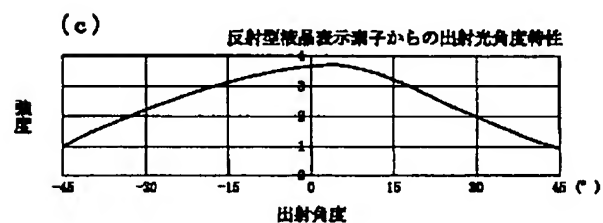
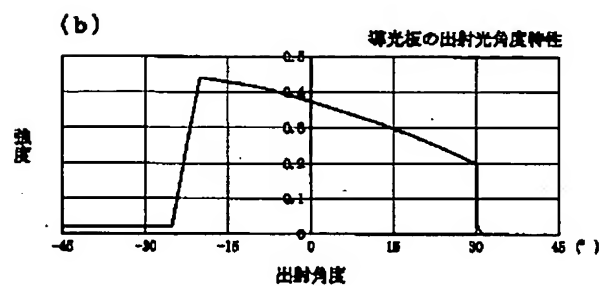
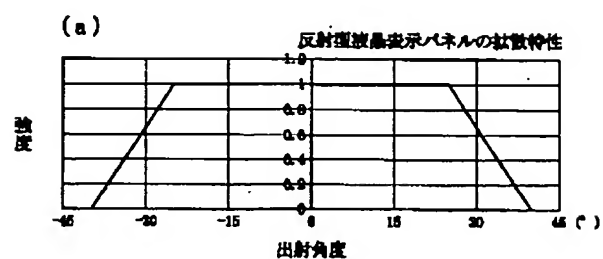
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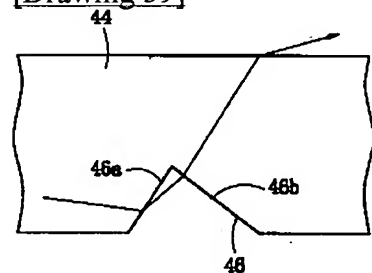
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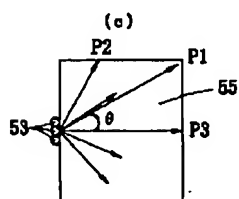
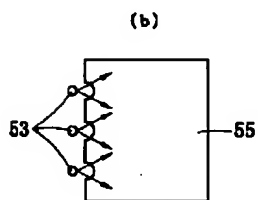
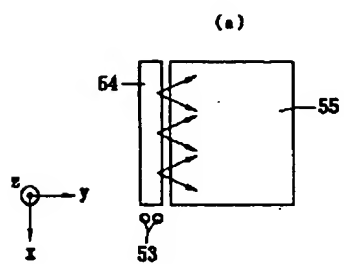
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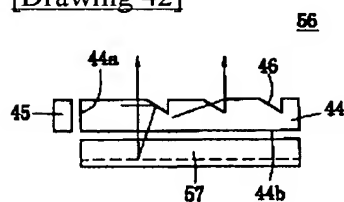
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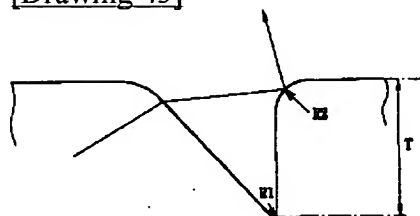
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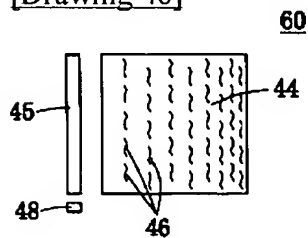
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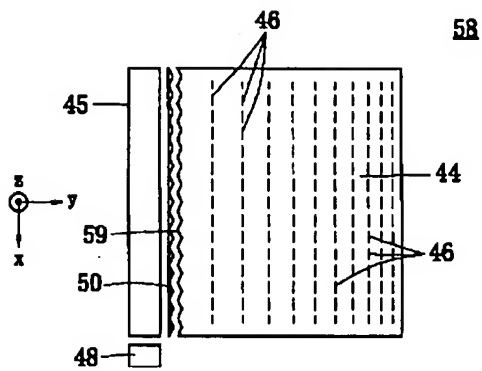
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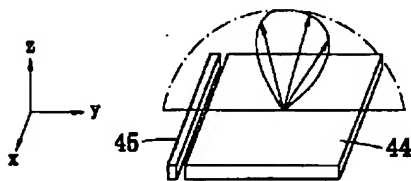
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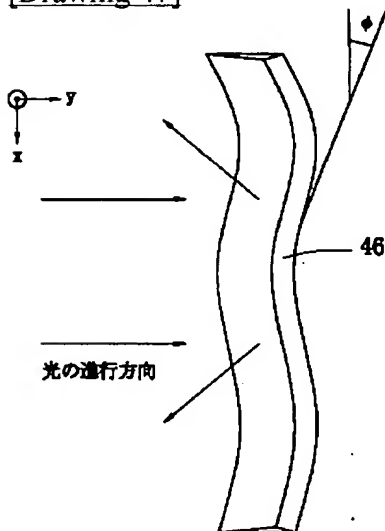
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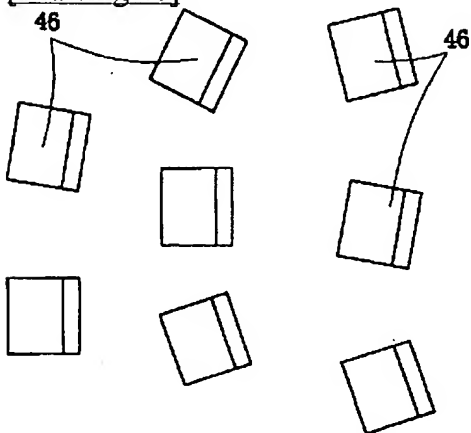
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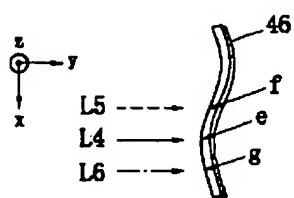
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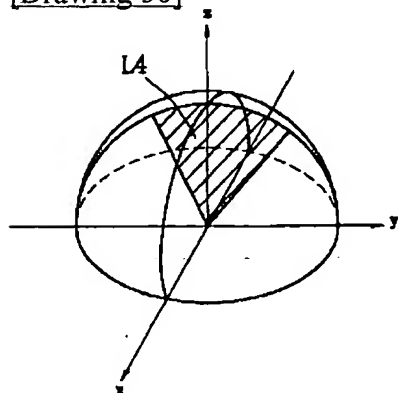
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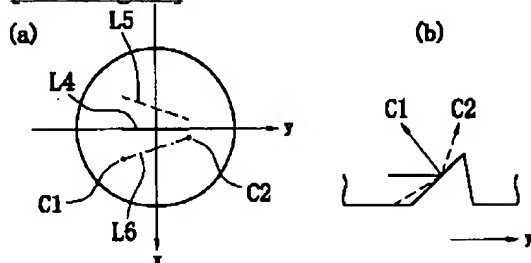
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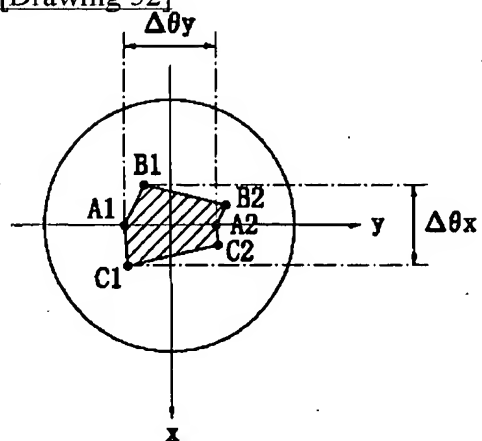
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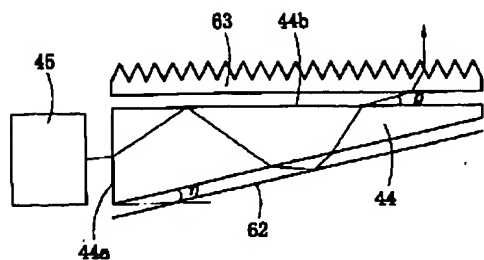
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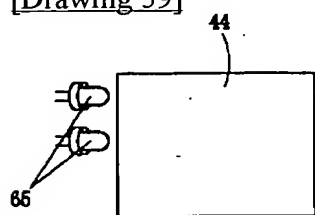
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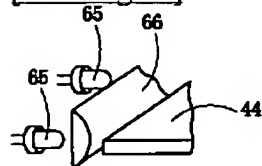
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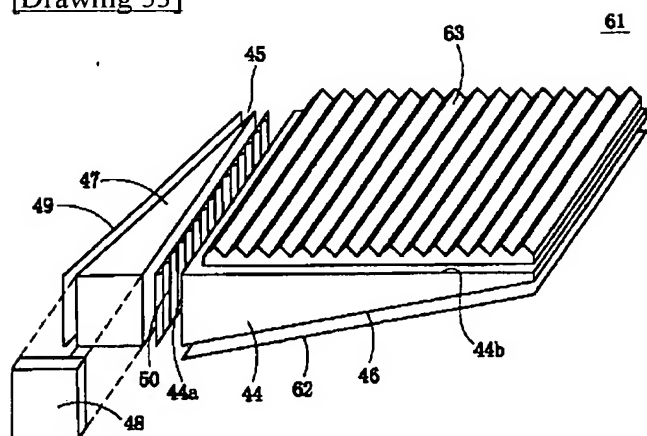
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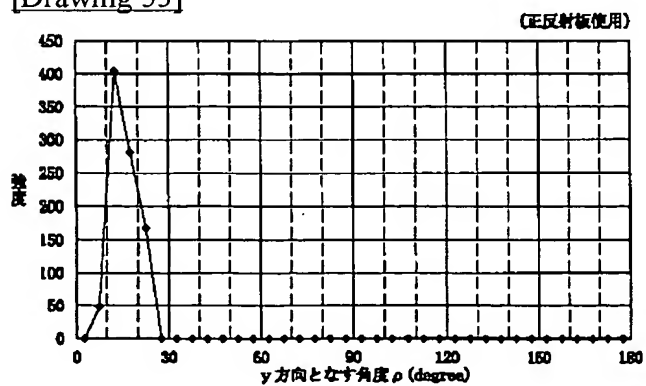
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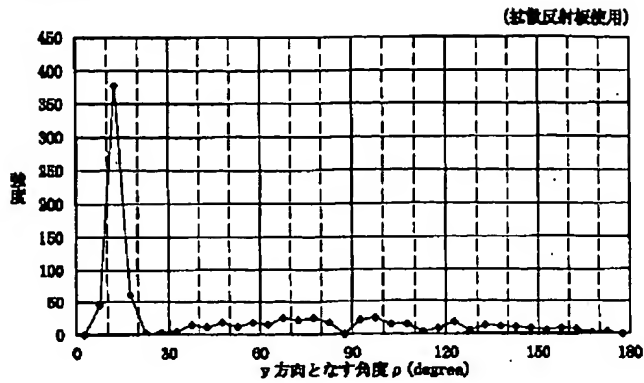
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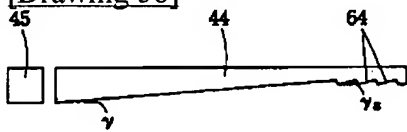
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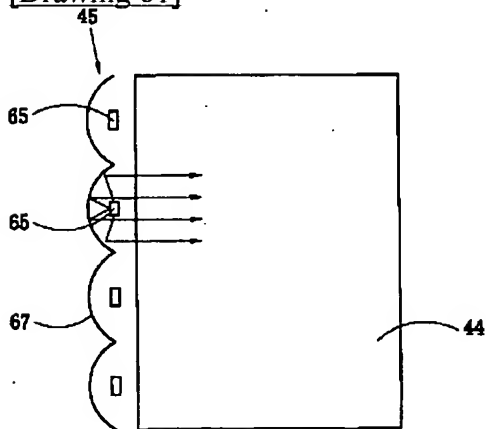
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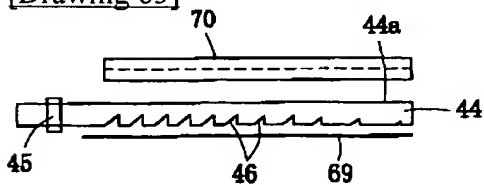
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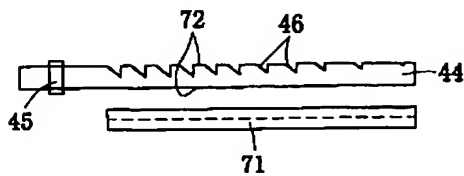
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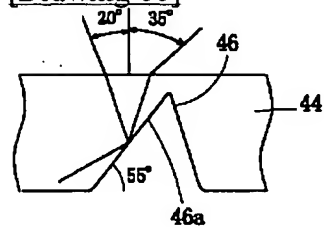
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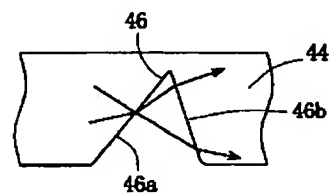
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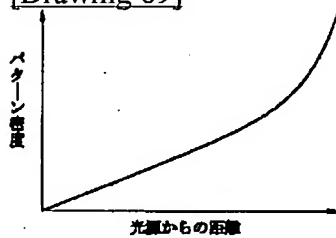
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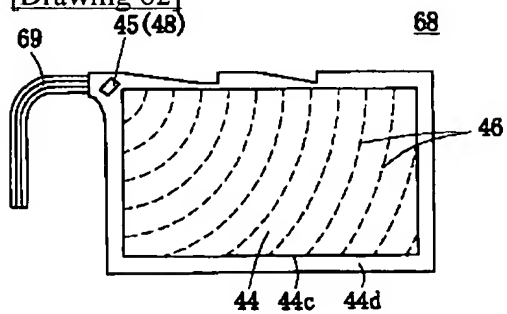
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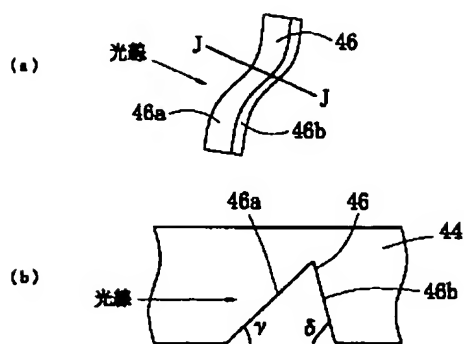
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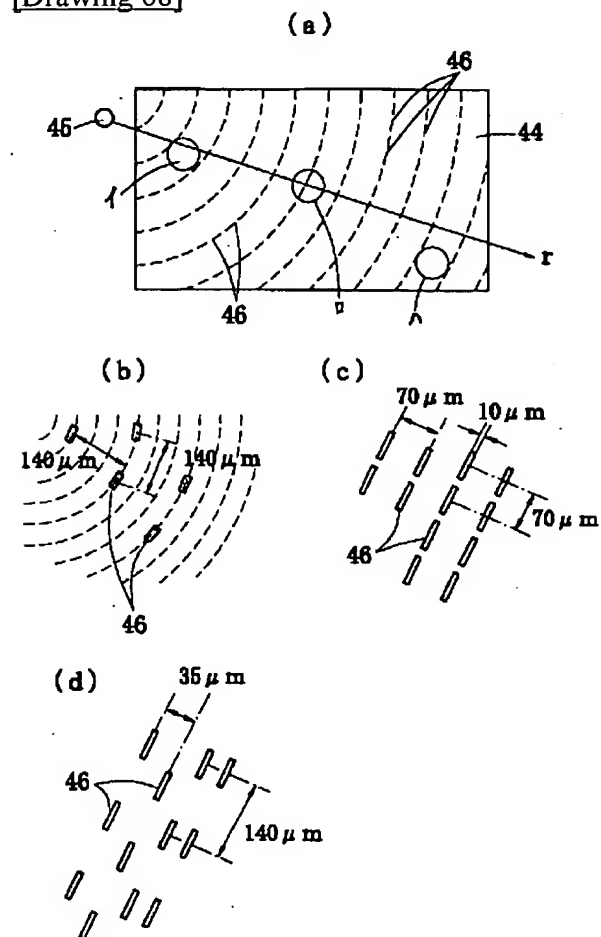
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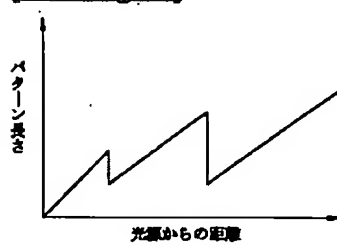
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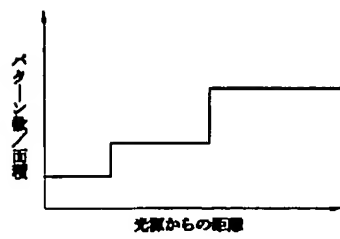
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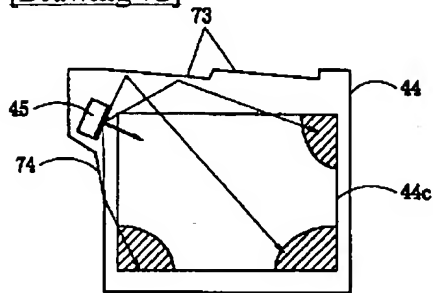
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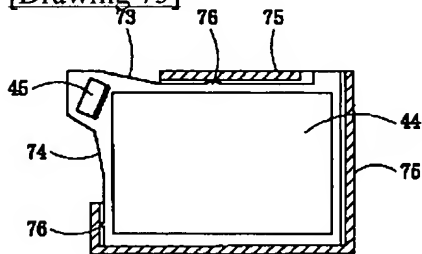
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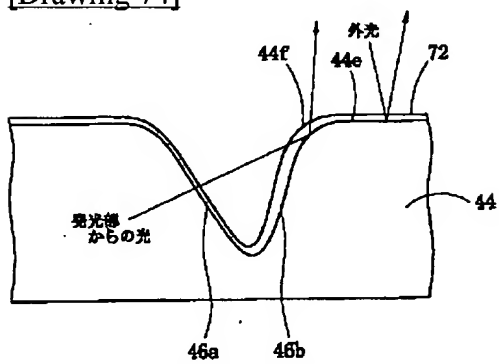
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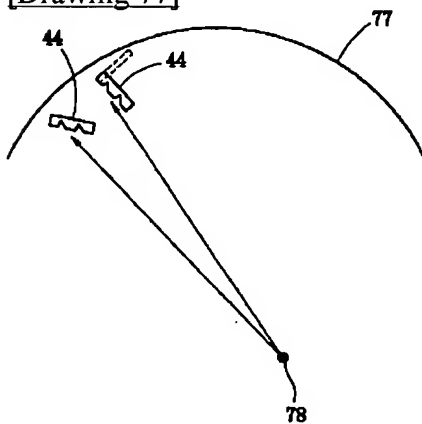
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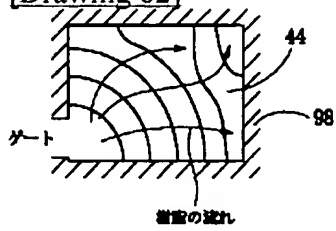
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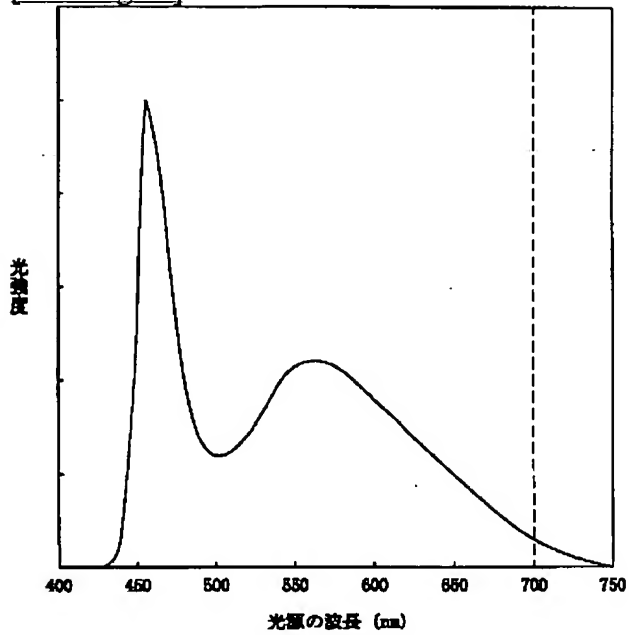
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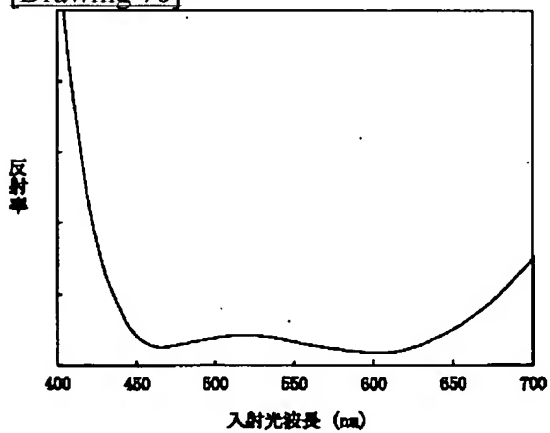
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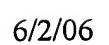
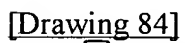
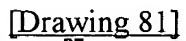
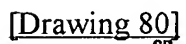
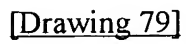
[Drawing 75]



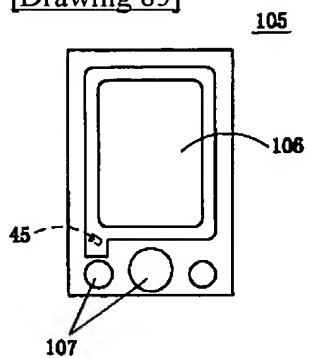
[Drawing 76]



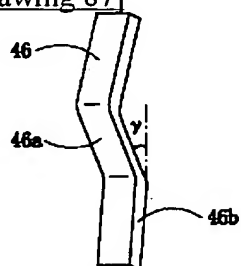
[Drawing 78]



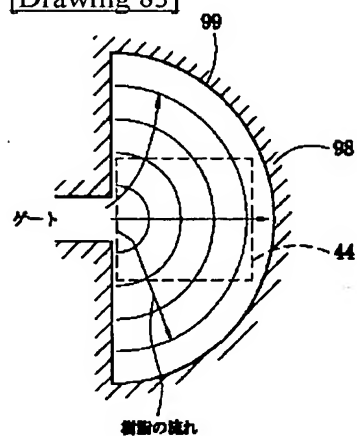
[Drawing 85]



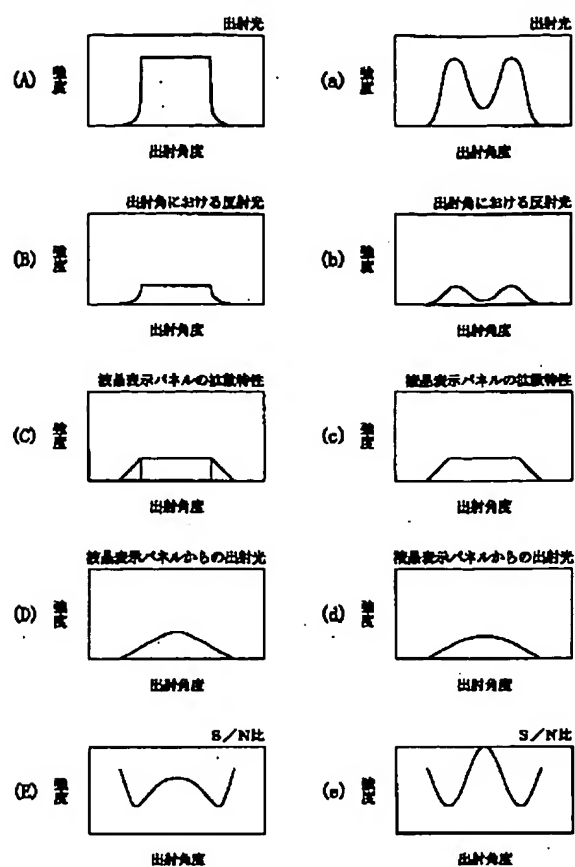
[Drawing 87]



[Drawing 83]



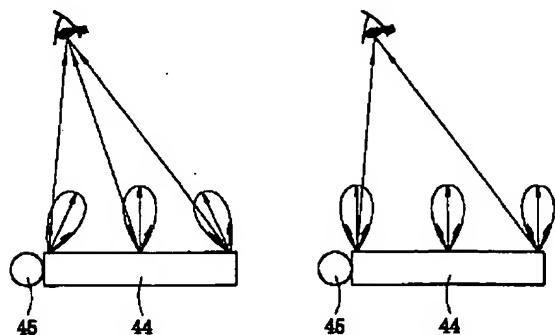
[Drawing 86]



[Drawing 88]

(a)

(b)



[Translation done.]